



56 Prospect Street,
P.O. Box 270
Hartford, CT 06103

John Morissette
Project Manager – Transmission Siting
Tel: (860) 728-4532

June 8, 2015

Robert Stein, Chairman
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051

Re: Hopewell Substation Capacitor Bank Project

Dear Chairman Stein:

Attached are an original and fifteen (15) copies of a Petition on behalf of The Connecticut Light and Power Company doing business as Eversource Energy ("Eversource" or the "Company") requesting a Declaratory Ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed modifications at Hopewell Substation in the Town of Glastonbury, Connecticut.

Written notice was provided to Richard Johnson, Town Manager of Glastonbury and all abutters notifying them of the proposed work and the Petition being filed with the Council.

A check in the amount of \$625 for the required filing fee is also attached.

Sincerely,

A handwritten signature in blue ink, appearing to read "John Morissette", with a stylized flourish at the end.

John Morissette
Project Manager – Transmission Siting

Attachment: Petition

cc: Richard Johnson, Town Manager, Glastonbury

THE CONNECTICUT LIGHT AND POWER COMPANY doing business as
EVERSOURCE ENERGY
PETITION TO THE CONNECTICUT SITING COUNCIL
FOR A DECLARATORY RULING OF
NO SUBSTANTIAL ADVERSE ENVIRONMENTAL EFFECT
FOR THE PROPOSED MODIFICATIONS TO
EXISTING SUBSTATION IN THE TOWN OF GLASTONBURY, CONNECTICUT

1. Pursuant to Section 16-50g et seq. of the Connecticut General Statutes, The Connecticut Light and Power Company doing business as Eversource Energy ("Eversource" or the "Company") hereby petitions the Connecticut Siting Council ("Council") for a Declaratory Ruling that a Certificate of Environmental Compatibility and Public Need ("Certificate") is not required for proposed modifications to the Hopewell Substation in Glastonbury, Connecticut (the "Project") that are described herein. Eversource submits that no such Certificate is required because the proposed modifications would not have a substantial adverse environmental effect.
2. Based on the results of the Greater Hartford and Central Connecticut Area (GHCC) Needs Assessment (dated May 2014), and in accordance with the GHCC Solutions Study (dated February 2015), the Project is required to eliminate potential transmission low voltage violations resulting from contingencies involving transmission elements.
3. The Project consists of modifications to Eversource's Hopewell Substation ("Substation") located on the Company's property at 1007 Chestnut Hill Road in the Town of Glastonbury. The existing Substation is a 115- to 23-kV facility with two (2) 115-kV transmission lines, two (2) 115- to 23-kV transformers and six (6) 23-kV circuits. The proposed modifications are:
 - a) Installation of one (1) 37.8-MVAR capacitor bank on a new support structure.
 - b) Installation of one (1) 115-kV manual-operated disconnect switch ("MOD").
 - c) Installation of one (1) 115-kV circuit breaker.
 - d) Installation of one (1) 115-kV potential transformer ("PT").
 - e) Installation of three (3) series reactors.
 - f) Installation of up to three (3) new lightning masts for protection of the new equipment. The height of the lightning masts would be 60 feet.
 - g) Installation of foundations for the equipment and structures listed above.
 - h) Replacement of one (1) set of capacitive coupling voltage transformers (CCVT's).
 - i) Replacement of eight (8) bus mount insulators.

- j) Replacement and extension of the existing fence on the southeast corner of the Substation to accommodate the new MOD and circuit breaker. The replacement fence section would be similar to the existing fence in height and appearance and would be moved approximately 11 feet south from the existing fence location. The length of the replacement fence section would remain the same, which is approximately 95 feet.
- k) Installation of underground conduits and cable, lightning arrestors, mounting and support structures, relay/controls to accommodate the new equipment.

The proposed modifications to the Substation are shown on Attachment A: Drawing No. 15405-92001- Hopewell Substation Yard Arrangement - Plan & Sections – CSC.

4. The proposed modifications would not have a substantial adverse environmental effect because:

a) Radio and Television Interference

There would be no change to the existing television or radio interference at the Substation.

b) Sound Pressure

Sound-pressure levels at all points along properties lines would continue to meet state regulations set out in Regulations of Connecticut State Agencies §§ 22a-69-3.3, -3.5(a), -3.7, -4(g).

c) Substations Appearance

All new equipment would be shorter than the tallest existing structure within Substation. The new equipment to be installed would be similar in appearance to the existing equipment and would not cause any significant adverse change in the physical or environmental characteristics of the Substation.

d) Substation Security Measures and Lighting

The Substation has existing security measures including security cameras, an alarm system and lighting for safety and security purposes.

e) Clearing

Removal of five (5) cedar trees on Eversource's property is necessary to accommodate the proposed fence extension for the new equipment. The heights of the cedar trees to be removed are in the range of 15 to 20 feet.

Environmental Effects

- Eversource's review of Natural Diversity Data Base information available via the data sharing agreement with Connecticut Department of Energy and Environmental Protection's ("CT DEEP") identified that there are no state-listed endangered, threatened, or special concern species in the vicinity of the Substation.
 - Eversource does not anticipate the need to disturb or clear any wetland vegetation. The proposed modifications are not located within a 500- or 100-year flood zone.
 - Electric and magnetic field levels at the boundary of the Substation would not change as a result of the modifications.
5. Eversource proposes to begin construction during fall 2015 and expects that the construction would be completed during the summer of 2016.
6. Section 16-50k(a) of the Connecticut General Statutes provides that a Certificate of Environmental Compatibility and Public Need is needed for proposed modifications of a facility that the Council determines would have a "substantial adverse environmental effect." Eversource respectfully submits that the proposed modifications described above would not result in a substantial adverse effect on the environment or ecology, nor would they damage existing scenic, historical or recreational values. Accordingly, Eversource requests that the Council issue a Declaratory Ruling that no Certificate is required.
7. Communications regarding this Petition for a Declaratory Ruling should be directed to:

Mr. John R. Morissette
Project Manager - Transmission Siting - CT
Eversource Energy
PO Box 270
Hartford, CT 06141-0270
Telephone: (860) 728-4532

By: _____

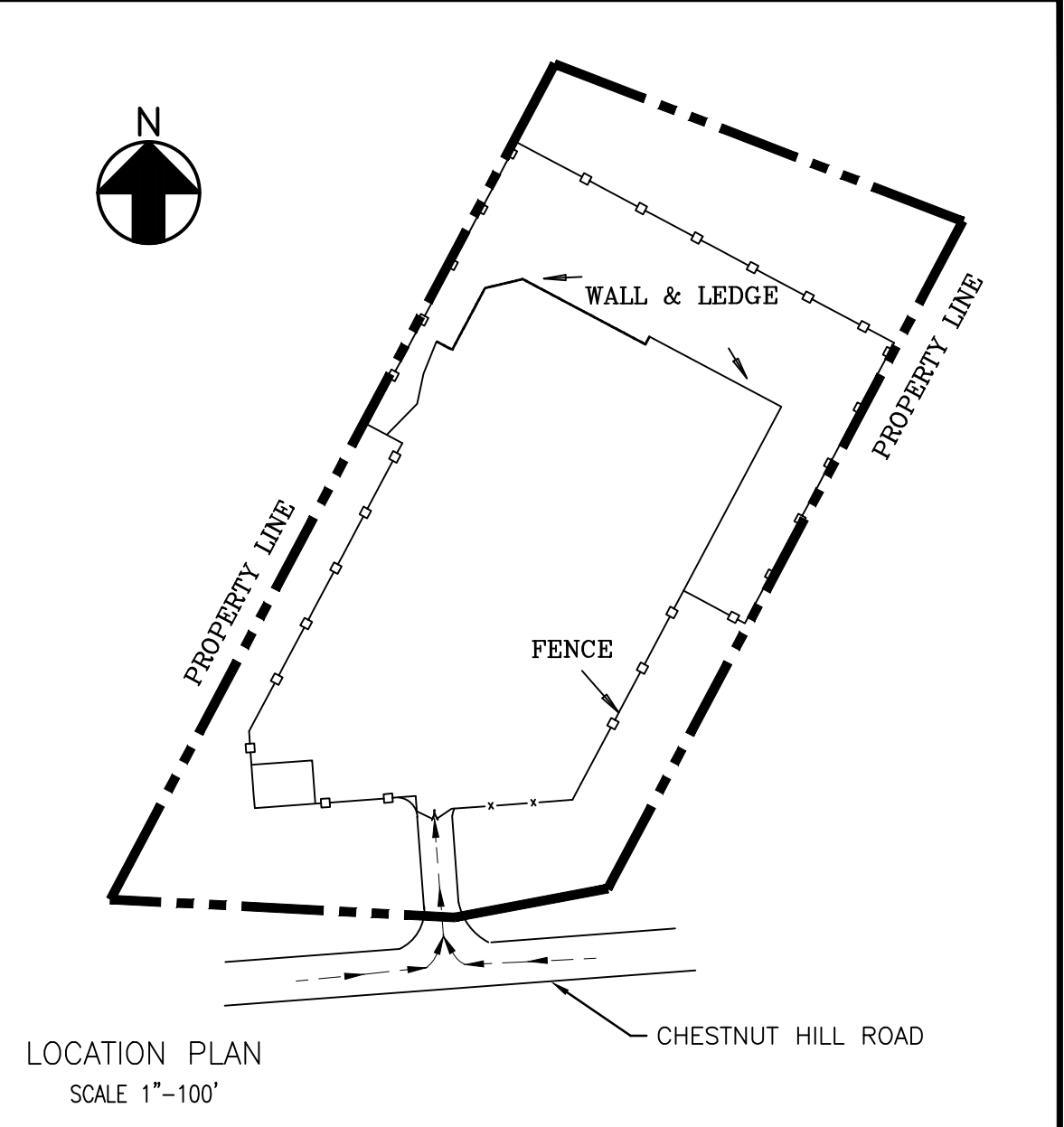
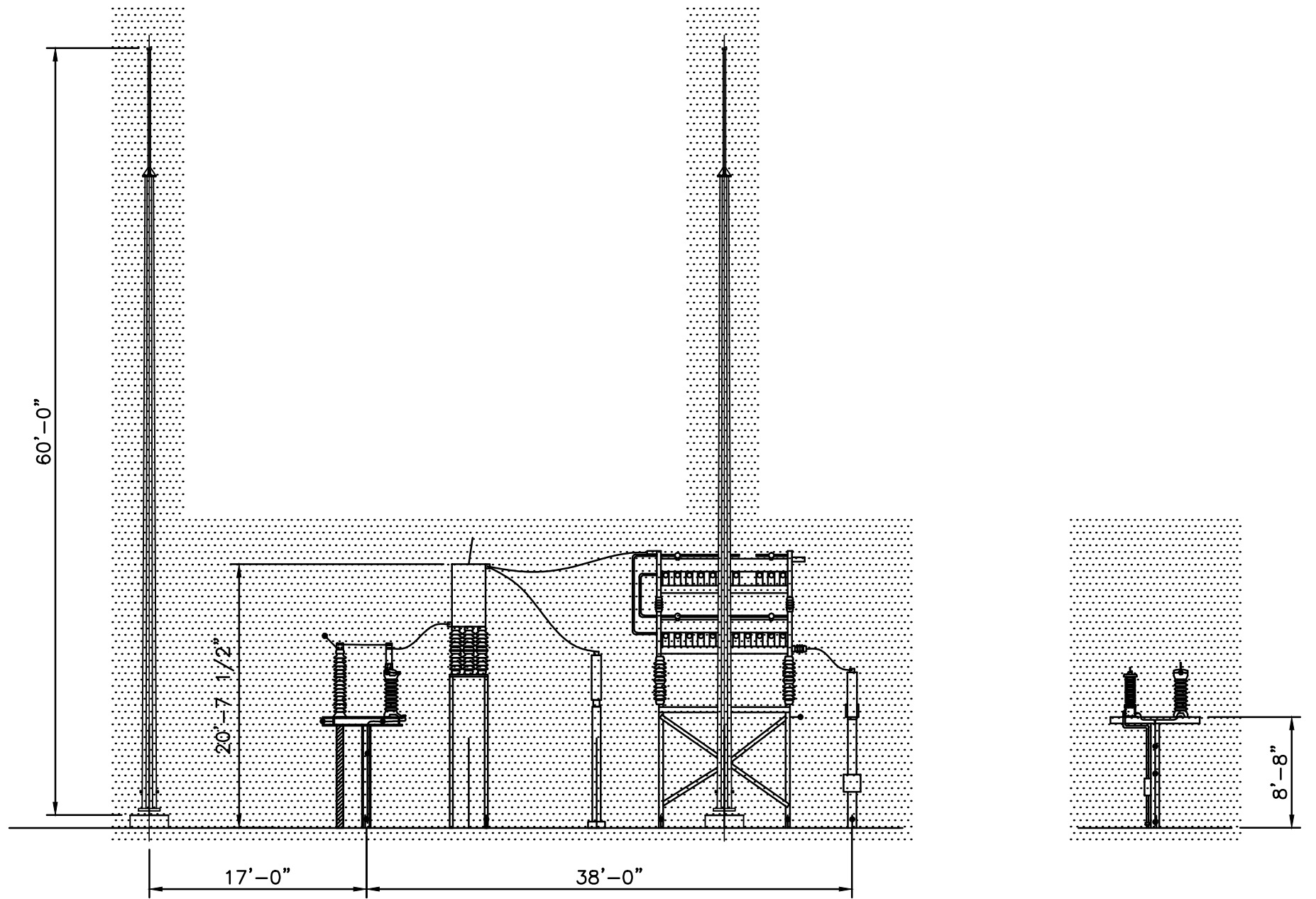
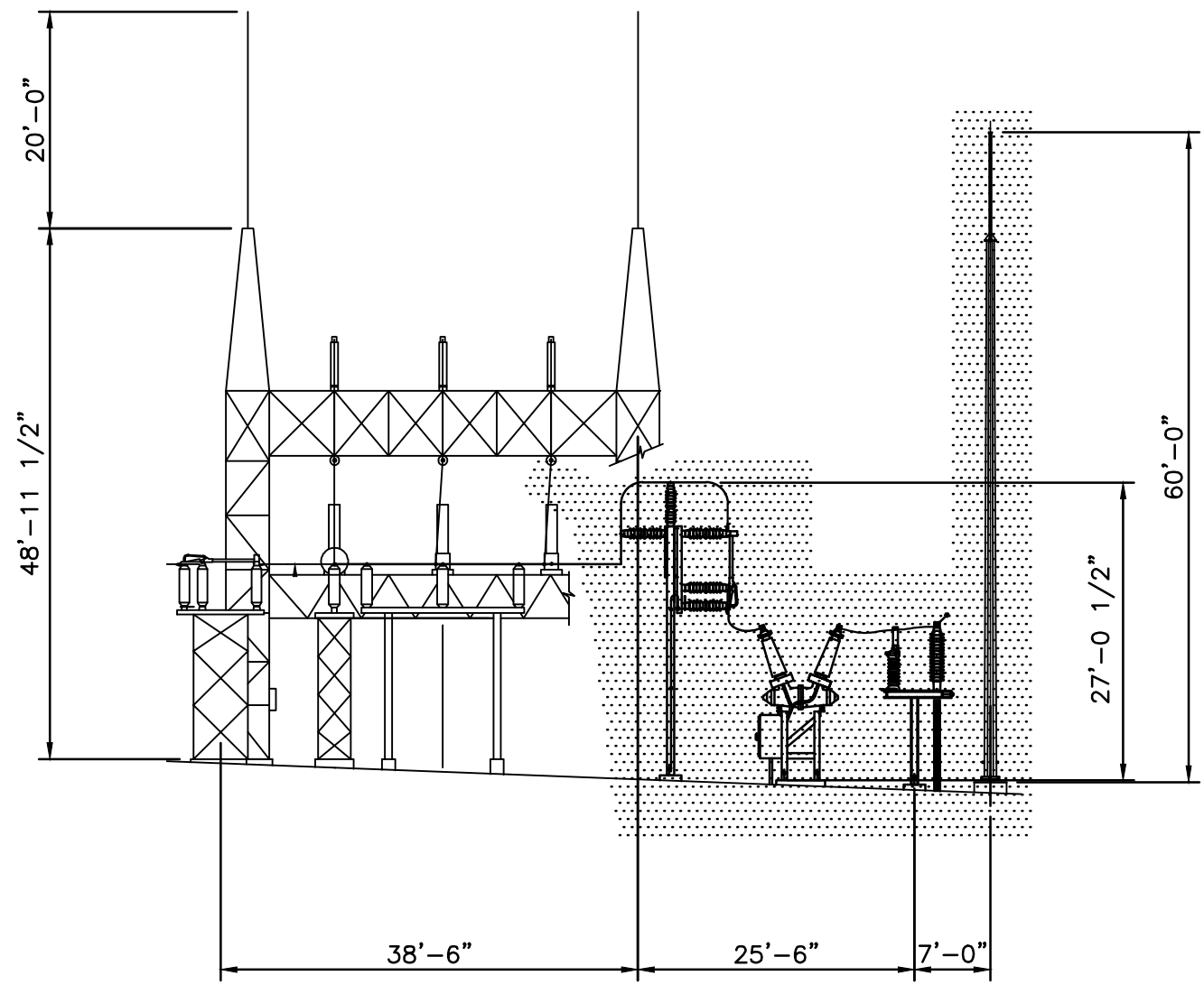

John R. Morissette
Project Manager – Transmission Siting - CT

Attachments:

Attachment A: Drawing No. 15405-92001- Hopewell Substation Yard Arrangement - Plan &
Sections - CSC

Attachment B: Letter to the Abutters, Abutters map and Affidavit of Service

ATTACHMENT A



REV. 4 - 5/8/15
SUBSTATION ADDITION

REVISIONS DURING CONSTRUCTION					
NO.	DATE	DESCRIPTION	BY	CHKD	APP

EVERSOURCE ENERGY

TITLE: HOPEWELL YARD ARRANGEMENT - PLAN & SECTIONS
CONNECTICUT SITING COUNCIL
GLASTONBURY, CT.

BY	AM	CHKD	DPK	APP	JWM	APP
DATE	4/22/15	DATE		DATE		DATE
H-SCALE	AS NOTED	SIZE	D	FIELD BOOK & PAGES		
V-SCALE	N/A	V.S.		R.E. DWG		
R.E. PROJ. NUMBER				NUSC0		15405-92001

ATTACHMENT B

June 5, 2015

Dear Neighbor:

As part of our everyday effort to deliver reliable energy and superior customer service, Eversource is proposing to do work at the Hopewell Substation located on Chestnut Hill Road.

The Hopewell Substation Project scope includes expansion of the Hopewell substation on existing Eversource property and the installation of new equipment. The Project is proposing to extend the fence line an additional 11 feet to the south, closer to Chestnut Hill Road. This work is required in order for Eversource to continue to meet reliability standards of the transmission system.

Eversource is submitting a petition to the Connecticut Siting Council (CSC). If the work is approved by the CSC, work at the Hopewell Substation is planned to begin in the Fall of 2015 and construction is to be completed in the third quarter of 2016.

If you would like to send comments or concerns regarding Eversource's petition to the CSC, please send them via e-mail to siting.council@ct.gov or a letter to the following address:

Melanie Bachman, Acting Executive Director
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051

For more information about this upgrade work, please call the Eversource Transmission Information Line at 1-800-793-2202, or send an email to TransmissionInfo@eversource.com

Thank you.

Sincerely,

Chris Runde

Chris Runde
Eversource Transmission Project Management Specialist

Attachment B: Abutters List

LL No	Town Map/Block/Lot	Owners Name	Site Address	City	Zip	Current Book	Current Page
101	H9/4760/S0059	LANATA STEVEN J+STACY L	2042 NEW LONDON TPKE	GLASTONBURY	06033-3822	1384	30
102	H9/1040/N0040B	DRESSER ALLAN+BARBARA S	987 CHESTNUT HILL RD	S GLASTONBURY	06073-2608	385	181
103	H9/1040/N0031B	COXCOM INC-C/O COX COMM INC TAX DEPT 3RD FLE	1000 CHESTNUT HILL RD	S GLASTONBURY	06073	1197	166



EVERSOURCE
ENERGY

TITLE:	AERIAL MAP HOPEWELL SUBSTATION
--------	-----------------------------------

GLASTONBURY, CT.					
BY:	RWG	CHRD:	SAS	APP:	
DATE:	6-5-2015	DATE:	DATE:	DATE:	
M-SCALE:	1"=100'	DATE:	ANSI B	SURVEY JOB #:	S21065
V-SCALE:		V.S.:	CAD	REDWG:	23624
R.E. PROJ. NUMBER:	063-03.221	INSCD:			

THIS MAP IS FOR PLANNING PURPOSES ONLY. LINEWORK AND DIMENSIONS SHALL BE CONSIDERED APPROXIMATE.

LEGEND

- | N.U. RIGHT OF WAY | EXISTING STRUCTURE
ADJACENT PROPERTY | N.U. PROPERTY |
|------------------------------------|---|---------------|
| STATE WETLANDS
DELINEATED 07/09 | | |



AFFIDAVIT OF SERVICE OF NOTICE

STATE OF CONNECTICUT)
) ss. Berlin
COUNTY OF HARTFORD)

Sec. 16-50j-40 of the Regulations of Connecticut State Agencies ("RCSA") provides that proof of notice to the affected municipalities, owners of properties where facilities are proposed to be sited and abutting property owners shall be submitted with a petition for declaratory ruling to the Connecticut Siting Council ("Council"). In accordance with that RCSA section, I hereby certify that I caused notice of The Connecticut Light and Power Company d/b/a Eversource Energy's proposed modifications of the Hopewell Substation to be served by mail or courier upon the Town of Glastonbury's municipal official listed below and the abutting property owners.

Municipal Official:

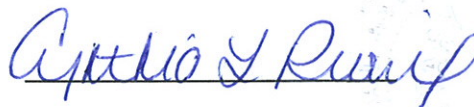
Richard Johnson
Town Manager
2155 Main Street
Glastonbury, CT 06033



Chris Runde
Project Manager

On this the 8 day of June, 2015, before me, the undersigned representative, personally appeared, Chris Runde, known to me (or satisfactorily proven) to be the person whose name is subscribed to the foregoing instrument and acknowledged that he executed the same for the purposes therein contained.

In witness whereof, I hereunto set my hand and official seal.



Notary Public
My Commission expires:

CYNTHIA L. RIOUX
NOTARY PUBLIC
State of Connecticut
My Commission Expires
June 30, 2016